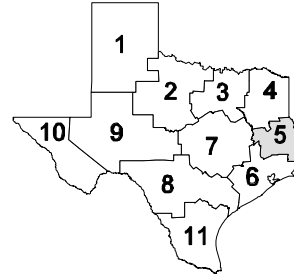


Publicly-Funded HIV Prevention Counseling and Testing in Region 5: 1997

Highlights

- ♦ The number of HIV testing conducted through publicly-funded sites in 1997 was 60% higher than reported in 1996, but the number of *positive* HIV tests reported was 31% lower than reported in 1996. This translates to a positivity rate change from 1.9 positives per 100 tests to 0.8 per 100 tests.
- ♦ As in 1996, African American men and women had the highest proportion of *positive* tests (58%).
- ♦ The age groups with the largest share of *positives* were the 20 to 29 and the 30 to 39 years old group (33 and 35%, respectively).
- ♦ In men and women, most *positive* tests were found in individuals who were in the risky heterosexual sex category (38 and 72%, respectively).



Introduction. Over 640,000 people in the United States have been diagnosed with Acquired Immunodeficiency Syndrome (AIDS) as of December 1997, and over 390,000 people have died of HIV infection in the U.S. since the beginning of the epidemic. Over 18,000 Texas residents are currently living with AIDS. Texas continues to rank fourth in the number of AIDS cases reported each year. In 1997, 4,718 AIDS cases were reported in Texas, for an annual rate of 24.3 cases per 100,000 Texas residents.

While these numbers tell us how many people have AIDS and estimate how many people are currently living with HIV/AIDS, they tell us very little about these individuals and how they acquired HIV. Since the spread of HIV/AIDS is usually linked to an individual's behavior through unprotected sex or injecting drug use, information on behavior is necessary in order for us to plan and develop effective prevention activities. Detailed behavioral and demographic information on individual clients has been gathered in HIV test counseling sessions at publicly funded counseling and testing sites since 1989. The Counseling and Testing System (CTS) data are very useful for understanding who is seeking testing and prevention counseling for HIV/AIDS.

This report is intended to provide you with information about clients who tested in 1997. We have organized this report to 1) highlight general demographic information on at-risk populations in Texas and provide information about the intensity of the epidemic across PHR 5, and 2) to provide detailed information about clients, grouped by their risk behaviors.

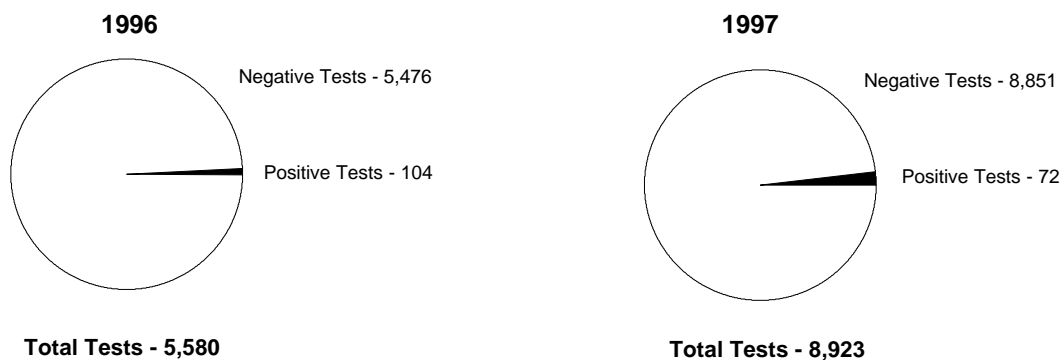
This is an overview of the HIV tests performed at CTS sites with test dates in 1997. These tests are primarily public sector tests, which means that not all HIV tests done in the state are reported here nor are all public sector tests reported. It has been estimated that 40-50% of HIV tests are performed in the public sector. These figures represent tests, not individuals. There may be duplicate tests for individuals, but we have removed those tests on individuals who have reported previously testing positive.

A Note about Mode of Exposure

Mode of exposure is a way of dividing risk behaviors based on the likelihood of transmitting HIV while engaging in that behavior. During HIV counseling sessions, clients discuss the kinds of risk behaviors they have engaged in *since 1978*. The counselor, following the session, marks all appropriate risk behaviors for that client on a CTS reporting form. We have collapsed the 14 risky behavior categories on the form into six mode of exposure categories. Because

many clients report more than one risk behavior, clients fall into a mode of exposure based on the riskiness of the behaviors reported. The following mode of exposure categories are listed in order of risk of transmission of HIV, beginning with the riskiest behavior. These modes are: Men who have had sex with other men and also use injecting drugs (M/MS/IDU), men who have sex with other men (M/MS), injecting drug user (IDU), risky heterosexual behavior (sex while using non-injection drugs, sex in exchange for drugs or money, a previous STD diagnosis, and sex partner at risk for HIV/AIDS) (F/MS), other exposures not identified above (*Other*), tests on individuals who do not disclose any risky behavior, but still want to be tested (NIR - no indicated risk).

General Information on 1996 and 1997 Tests



- The total number of tests reported in CTS in 1997 was 60% higher than the number reported in 1996.
- The number of *positive* tests reported in CTS in 1997 were 31% lower than reported in 1996.
- Positivity rates observed increased from 1.9 positives per 100 tests in 1996 to 0.8 per 100 tests in 1997.
- Anonymous tests accounted for 12% of the total tests reported in PHR 5. Women accounted for over 68% of the anonymous tests performed in this region.
- The mode with the highest proportion of anonymous tests was the M/MS mode, with 28% of the tests in this mode performed anonymously.
- For men, most tests were performed at STD Clinics and CTS sites, 30 and 27% respectively. Most positive tests were reported through CTS sites, 53%.
- In women, most tests were performed at STD Clinics and CTS sites, 28 and 20% respectively, while most positives were reported in CTS sites, 40%.
- Further information on anonymous testing patterns and sites of testing will be released in a separate report.

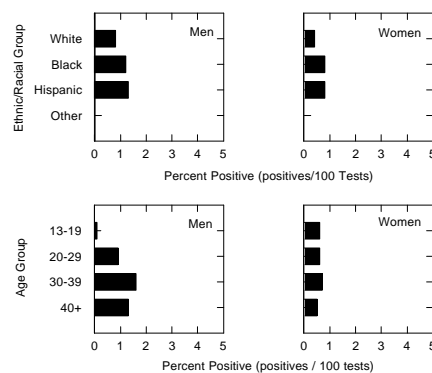
Profile of Testers: Number of Tests and Number of Positive Tests by Demographics and Testing History

- Women accounted for over half of the tests performed, while men accounted for 65% of the *positive* tests reported in PHR 5 in 1997.
- Whites comprised nearly 42% of the CTS HIV tests in 1997, across men and women. However, African Americans had the highest proportion of *positive* tests, 58%.
- The 20 to 29 year old age group had the largest proportion of tests in both men and women.
- The 30 to 39 year old age group had the largest proportion of *positive* tests in men, while the 20 to 29 and year old age group had the largest proportion of *positive* tests in women.
- 52% of the tests performed in 1997 were done for individuals had previously tested, and 50% of the *positive* tests were performed for individuals who previously tested.

Detailed information about the number of tests and the number of positive tests can be found in the tables in the Appendix.

- The highest positivity rate was seen in African American and Hispanic men, with an average of 1.3 *positive* tests per 100 tests performed.
- As in 1996, men overall had higher positivity rates than men (0.6 positive tests per 100 tests for women, 1.0 per 100 tests for men).
- In men, positivity rates were similar in 1997 (1.0 per 100 tests) compared to 1996 (0.8 per 100 tests) regardless of age or ethnicity.
- As in 1996, the 30 to 39 year old age group had the highest positivity rate in both men and women.

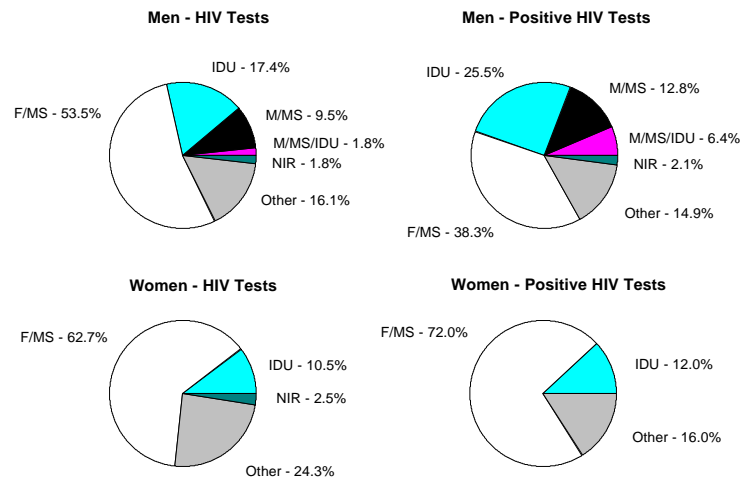
Rates of Positive CTS Tests per 100 Tests Performed by Race/Ethnicity and Age: Region 5, 1997



Profile of Individuals Testing and Testing Positive: Mode of Exposure to HIV

- The M/MS mode of exposure accounted for 10% of the tests performed for men, but accounted for over 13% of the *positive* tests reported in men.
- The M/MS/IDU and IDU modes also had a larger share of *positive* tests than total tests.
- The F/MS mode of exposure had the largest proportion of tests (54%), but only 38% of the *positive* tests in men. This was a 25% increase in positives in this group over the reports from 1996.
- In women, the F/MS mode reported the largest proportion of tests and *positive* tests in 1997.
- Women who reported injecting drug use had a larger proportion of *positive* tests (12%) than total tests (10%), while in the *Other* mode of exposure, there was a smaller proportion of *positive* tests compared to total tests.

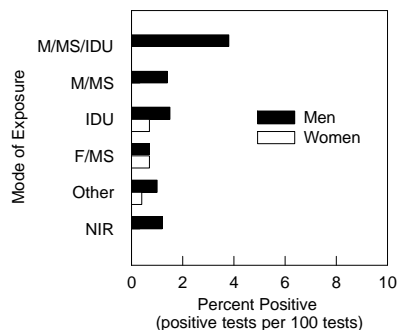
CTS HIV Tests and Positive Tests by Mode of Exposure: Region 5, 1997



Rates of Positivity by Mode of Exposure

- The M/MS/IDU and IDU modes of exposure had the highest rates of positivity observed in 1997 (3.8 and 1.4 positives per 100 tests, respectively).
- IDU and F/MS had the highest positivity rate in women (0.7 positives per 100 tests).

Rates of Positive CTS Tests per 100 Tests by Mode of Exposure: Region 5, 1997



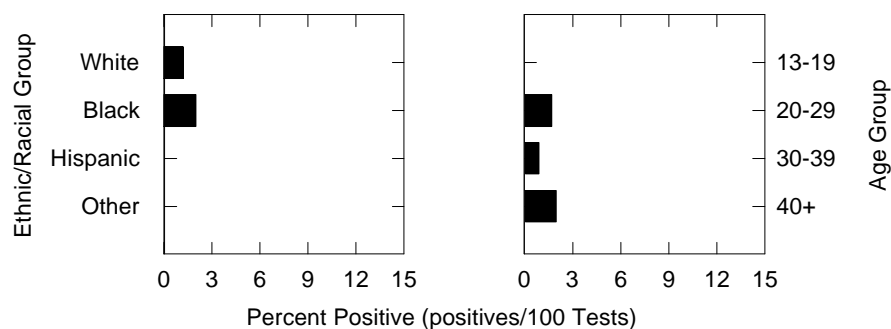
Detailed Information by Mode of Exposure

Male with Male Sex (M/MS) Mode of Exposure

- Over 58% of the men tested in this mode of exposure were white, and whites accounted for 3 of the 6 *positive* tests in the M/MS mode.
- In contrast, Blacks had only 34% of the tests in 1997, but had the other 3 *positive* tests reported in this mode.
- Hispanics had 6% of the tests and no *positive* tests in 1997 in the M/MS mode.
- Blacks had the highest positivity rate in the M/MS mode, at nearly 2 times the rate observed in whites.

Detailed information about the number of tests and the number of positive tests can be found in the tables in the Appendix.

Rates of Positive CTS Tests per 100 Tests of Men in M/MS Mode by Race/Ethnicity and Age: Region 5, 1997



M/MS is a mode of exposure category; that is, these men could have reported other risk behaviors besides male with male sex. The table below shows the additional risk behaviors indicated by those men who tested and were classified in the M/MS mode of exposure category. The percentages total more than 100% because individuals could list more than one behavior. *These figures show the complex interplay of risk behaviors that must be addressed by interventions which target these men.* At the time of testing, these individuals reported engaging in the risk behavior at least once since 1978. They may or may not currently be engaging in the risk behavior.

- Overall, proportions of men who indicated these specific risk behaviors in 1997 were similar to those reported in 1996.
- 45% of men tested in this mode indicated having sex with a woman at least once since 1978.
- Nearly 30% reported engaging in sex while using non-injection drugs at least once.
- Nearly one-in-five of individuals tested reported a previous STD diagnosis.

Additional Risk Behaviors Reported by M/MS Mode of Exposure: Region 5, 1997

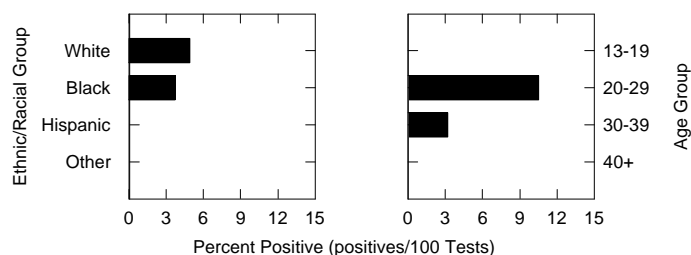
Risk Behavior	Percent Indicating Risk Since 1978
Sex with a female	45.0
Sex while using non-injection drugs	29.6
Sex for drugs or money	4.1
STD diagnosis	20.6
Sex partner an IDU	3.0
Sex partner has HIV/AIDS	12.6
Sex partner has other risk for HIV/AIDS	40.4
Victim of Sexual Assault	4.4
Total Number of Tests	436

Men who Engage in Male with Male Sex and Also Inject Drugs (M/MS/IDU) Mode of Exposure

- African Americans accounted for one-third of tests in this mode and one of the three positive tests.
- Over half of the men testing in this mode were white, and white men accounted for 2 of the 3 positive tests reported in this mode in 1997.
- Hispanic men accounted for 15% of the tests in this mode of exposure.
- Two of the three positive tests were found in 20 to 29 year olds.

Detailed information about the number of tests and the number of positive tests can be found in the tables in the Appendix.

Rates of Positive CTS Tests per 100 Tests of Men in M/MS/IDU Mode by Race/Ethnicity and Age: Region 5, 1997



M/MS/IDU is a mode of exposure category; that is, these men could have reported other risk behaviors besides male with male sex and injection drug use. The table below shows the additional risk behaviors reported by these men. The percentages total to more than 100% because individuals could list more than one behavior. *These figures show the complex interplay of risk behaviors that must be addressed by interventions which target M/MS/IDU.* At the time of testing, these individuals reported engaging in the risk behavior at least once since 1978. They may or may not currently be engaging in the risk behavior.

- The risk information from CTS seems to indicate that men in the M/MS/IDU mode of exposure group have more in common, in terms of risk behavior, with people in the IDU mode than with men in the M/MS mode of exposure.
- 65% of men testing in this mode of exposure indicated engaging in sex with a woman since 1978.
- 69% individuals testing in this mode reported having sex while using non-injecting drugs at least once since 1978.
- 35% of the individuals tested in this mode indicated that their sex partner was an IDU.
- Nearly 31% indicated a previous STD diagnosis.
- Nearly 26% of the individuals testing in this mode indicated exchanging sex for drugs or money at least once.

Additional Risk Behaviors Reported by M/MS/IDU Mode of Exposure: Region 5, 1997

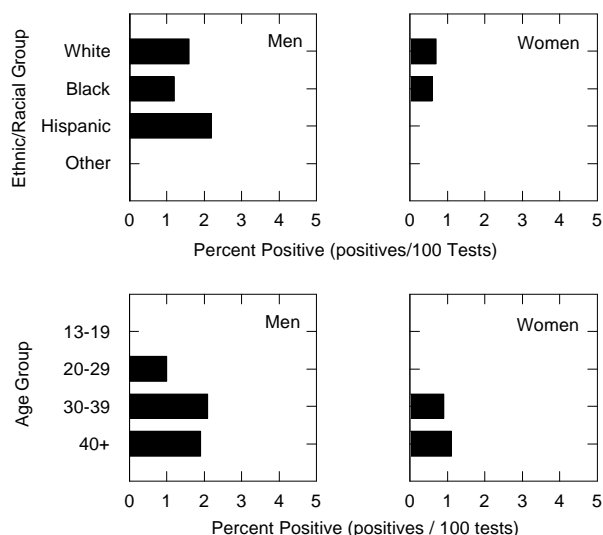
Risk Behavior	Percent Indicating Risk Since 1978
Sex with a female	65.0
Sex while using non-injection drugs	68.8
Sex for drugs or money	26.2
STD diagnosis	31.2
Sex partner an IDU	35.0
Sex partner has HIV/AIDS	7.5
Sex partner has other risk for HIV/AIDS	33.8
Victim of Sexual Assault	3.8
Total Number of Tests	80

Injecting Drug Use (IDU) Mode of Exposure

- Men accounted for over 63% of the tests and 12 out of the 15 *positive* tests in this mode of exposure.
- Within men, over half of the tests were performed for whites, and half of the *positive* tests were reported in this group.
- In women, whites accounted for nearly 60% of the tests, and two of the three positive tests for women in this mode of exposure. African American women accounted for 36% of the tests and one of the three positive tests in this mode.
- For both men and women, the majority of tests and *positive* tests were done for individuals between the ages of 30 and 39. Five of the 15 positive tests were performed for individuals over 40.

Detailed information about the number of tests and the number of positive tests can be found in the tables in the Appendix.

Rates of Positive CTS Tests per 100 Tests in IDU Mode by Sex, Race/Ethnicity and Age: Region 5, 1997



As with other categories, IDU is a mode of exposure category; that is, these individuals could have reported other risk behaviors besides injecting drug use. The table below shows the additional risk behaviors they reported during counseling sessions.

- 80% of all women and nearly 75% of men tested in this mode of exposure indicated engaging in sex at least once while using non-injecting drugs.
- 44% of the men and half of the women reported a previous STD diagnosis.

- Thirty-five percent of men and over 43% of women reported their sex partner was also an IDU.
- Over 15% of women reported they were a victim of sexual assault, while less than 2% of the men reported to be a victim of sexual assault.

Additional Risk Behaviors Reported by IDU Mode of Exposure: Region 5, 1997

Risk Behavior	Percent Indicating Risk Since 1978	
	Men	Women
Sex with a male	na	95.2
Sex with a female	96.7	23.8
Sex while using non-injection drugs	73.0	78.4
Sex for drugs or money	18.2	31.9
STD diagnosis	27.9	47.2
Sex partner an IDU	35.1	43.4
Sex partner M/MS	na	7.4
Sex partner has HIV/AIDS	2.9	4.4
Sex partner has other risk for HIV/AIDS	60.7	54.2
Victim of Sexual Assault	1.3	15.1
Total Number of Tests	793	458

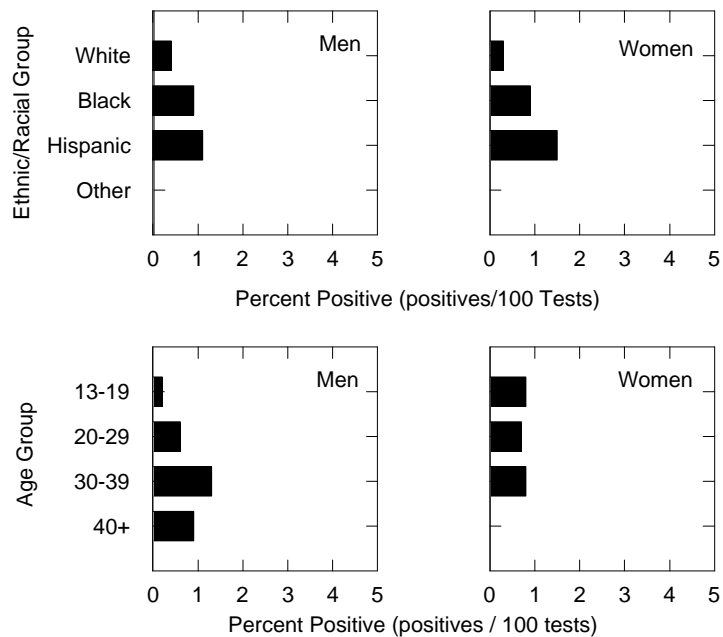
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Female with Male Sex (F/MS) Mode of Exposure

- Women accounted for 53% of the tests performed in this mode, and half of the *positive* tests.
- In both men and women, African Americans accounted for two-thirds of the *positive* tests, while only accounting for 53% of the total tests performed for individuals in this mode of exposure.
- In men and women, the largest proportion of tests were performed for individuals between the ages of 30 and 39.
- The *positive* tests in men were reported for individuals over 30, while the majority of *positives* in women were split between the adolescent (13 to 19 years old), the 20 to 29 and 30 to 39 year old age groups.

Detailed information about the number of tests and the number of positive tests can be found in the tables in the Appendix.

**Rates of Positive CTS Tests per 100 Tests in F/MS Mode
by Sex, Race/Ethnicity and Age: Region 5, 1997**



The F/MS mode of exposure is a combined mode of exposure category; that is, these women could have reported one or more of a list of risky heterosexual sexual activities. The table below indicates the proportion of individuals in this category who indicated these behaviors during counseling. All respondents in this category were non-celibate heterosexuals. The percentages total more than 100% because individuals could list more than one behavior. *This table shows the complex interplay of risk behaviors that must be addressed by interventions which target men and women in this mode.* At the time of testing, these individuals reported engaging in the risk behavior at least once since 1978. They may or may not currently be engaging in the risk behavior.

- Nearly 53% of men reported engaging in sex while using non-injection drugs at least once, while only 41% of the women testing in this mode reported this behavior.
- Approximately 34% of the individuals tested in this mode reported a previous STD diagnosis, with more women reporting this than men.
- Nearly 10% of women reported to be a victim of sexual assault, while this was reported in less than 1% of men tested.

Additional Risk Behaviors Reported by F/MS Mode of Exposure: Region 5, 1997

Risk Behavior	Percent Indicating Risk Since 1978	
	Men	Women
Sex with a male	na	97.0
Sex with a female	99.4	7.0
Sex while using non-injection drugs	52.5	41.0
Sex for drugs or money	7.2	4.8
STD diagnosis	32.4	35.6
Sex partner an IDU	4.0	7.4
Sex partner M/MS	na	2.8
Sex partner has HIV/AIDS	2.1	3.8
Sex partner has other risk for HIV/AIDS	63.6	64.3
Victim of Sexual Assault	0.6	9.4
Total Number of Tests	2,445	2,732

Appendix

List of Tables

Number and Percent of Reported HIV Tests by Demographics: Region 5, 1997.
 CTS Tests and Positives by Age and Ethnicity in M/MS Mode of Exposure: Region 5, 1997
 CTS Tests and Positives by Age and Ethnicity in M/MS/IDU Mode of Exposure: Region 5, 1997
 CTS Tests and Positives by Sex, Age and Ethnicity in IDU Mode of Exposure: Region 5, 1997
 CTS Tests and Positives by Sex, Age and Ethnicity in F/MS Mode of Exposure: Region 5, 1997
 CTS Tests and Positives by Sex, Age and Ethnicity in Other Mode of Exposure: Region 5, 1997
 CTS Tests and Positives by Sex, Age and Ethnicity in NIR Mode of Exposure: Region 5, 1997



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 Research & Program Evaluation Branch
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 Austin TX 78756
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Number and Percent of Reported HIV Tests by Demographics: PHR 5, 1997

		All Tests n =8,923				All Positive Tests n =72			
		Men		Women		Men		Women	
		Tests	%	Tests	%	Tests	%	Tests	%
Race/Ethnicity									
	White	1,773	38.8	1,981	45.5	14	29.8	7	28.0
	Black	2,218	48.5	2,063	47.4	26	55.3	16	64.0
	Hispanic	544	11.9	245	5.6	7	14.9	2	8.0
	Other	32	0.7	65	1.5	0	0.0	0	0.0
	Undetermined	2	0.0	0	0.0	0	0.0	0	0.0
Age									
	13-19	820	17.9	1,072	24.6	1	2.1	6	24.0
	20-29	1,585	34.7	1,611	37.0	15	31.9	9	36.0
	30-39	1,160	25.4	1,059	24.3	18	38.3	7	28.0
	40+	998	21.8	609	14.0	13	27.7	3	12.0
	Undetermined	6	0.1	3	0.1	0	0.0	0	0.0
Total		4,569	100.0	4,354	100.0	47	100.0	25	100.0

CTS Tests and Positives by Age and Ethnicity in M/MS Mode: PHR 5, 1997

Age Group	13-19		20-29		30-39		40+		Unknown		Total	
Race-Ethnicity	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.
White	27	0	102	1	71	1	55	1	0	0	255	3
Black	20	0	59	2	30	0	41	1	0	0	150	3
Hispanic	2	0	11	0	11	0	1	0	0	0	25	0
Other	0	0	1	0	1	0	3	0	0	0	5	0
Unspecified	0	0	1	0	0	0	0	0	0	0	1	0
Total	49	0	174	3	113	1	100	2	0	0	436	6

CTS Tests and Positives by Age and Ethnicity in M/MS/IDU Mode: PHR 5, 1997

Age Group	13-19		20-29		30-39		40+		Unknown		Total	
Race-Ethnicity	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.
White	2	0	12	2	18	0	9	0	0	0	41	2
Black	0	0	2	0	10	1	15	0	0	0	27	1
Hispanic	0	0	5	0	3	0	4	0	0	0	12	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	19	2	31	1	28	0	0	0	80	3

CTS Tests and Positives by Age and Ethnicity in IDU Mode: PHR 5, 1997

Age Group		13-19		20-29		30-39		40+		Unknown		Total	
Race-Ethnicity		Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.
Male													
White		40	0	114	1	155	4	99	1	0	0	99	6
Black		26	0	44	0	86	1	87	2	0	0	87	3
Hispanic		39	0	34	1	43	1	23	1	0	0	23	3
Other		0	0	1	0	2	0	0	0	0	0	0	0
Unspecified		0	0	0	0	0	0	0	0	0	0	0	0
Total - Males		105	0	193	2	286	6	209	4	0	0	793	12
Female													
White		19	0	88	0	122	1	40	1	0	0	269	2
Black		4	0	34	0	83	1	45	0	0	0	166	1
Hispanic		0	0	8	0	6	0	3	0	0	0	17	0
Other		2	0	1	0	2	0	1	0	0	0	6	0
Unspecified		0	0	0	0	0	0	0	0	0	0	0	0
Total - Females		25	0	131	0	213	2	89	1	0	0	458	3
Total		130	0	324	0	499	8	298	5	0	0	1,251	15

CTS Tests and Positives by Age and Ethnicity in F/MS Mode: PHR 5, 1997

Age Group		13-19		20-29		30-39		40+		Unknown		Total	
Race-Ethnicity		Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.
Male													
White		132	0	313	2	157	1	154	0	1	0	757	3
Black		313	1	483	2	320	5	265	4	2	0	1,383	12
Hispanic		42	0	127	2	77	1	38	0	1	0	285	3
Other		1	0	8	0	4	0	6	0	0	0	19	0
Unspecified		1	0	0	0	0	0	0	0	0	0	1	0
Total - Males		489	1	931	6	558	7	463	4	4	0	2,445	18
Female													
White		357	2	434	1	238	1	154	0	0	0	1,183	4
Black		325	4	541	6	337	2	180	0	2	0	1,385	12
Hispanic		31	0	53	0	36	2	12	0	0	0	132	2
Other		7	0	17	0	5	0	3	0	0	0	32	0
Unspecified		0	0	0	0	0	0	0	0	0	0	0	0
Total - Females		720	6	1,045	7	616	5	349	0	2	0	2,732	18
Total		1,209	7	1,976	13	1,174	12	812	4	6	0	5,177	36

CTS Tests and Positives by Age and Ethnicity in Other Mode: PHR 5, 1997

Age Group		13-19		20-29		30-39		40+		Unknown		Total	
Race-Ethnicity		Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.
Male													
	White	57	0	86	0	45	0	77	0	0	0	265	0
	Black	92	0	116	1	96	3	86	2	1	0	391	6
	Hispanic	13	0	37	1	12	0	11	0	0	0	73	1
	Other	0	0	2	0	2	0	1	0	0	0	5	0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Total - Males		162	0	241	2	155	3	175	2	1	0	734	7
Female													
	White	141	0	167	0	96	0	70	1	0	0	474	1
	Black	117	0	177	2	103	0	76	1	0	0	473	3
	Hispanic	22	0	42	0	14	0	6	0	1	0	85	0
	Other	9	0	8	0	2	0	5	0	0	0	24	0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Total - Females		289	0	394	2	215	0	157	2	1	0	1,056	4
Total		451	0	635	4	370	3	332	4	2	0	1,790	11

CTS Tests and Positives by Age and Ethnicity in NIR Mode: PHR 5, 1997

Age Group		13-19		20-29		30-39		40+		Unknown		Total	
Race-Ethnicity		Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.	Tests	Pos.
Male													
	White	8	0	16	0	9	0	14	0	0	0	47	0
	Black	3	0	8	0	6	0	6	1	1	0	24	1
	Hispanic	2	0	3	0	2	0	3	0	0	0	10	0
	Other	0	0	0	0	0	0	0	0	0	0	0	0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Total - Males		13	0	27	0	17	0	23	1	1	0	81	1
Female													
	White	18	0	25	0	6	0	6	0	0	0	55	0
	Black	15	0	11	0	6	0	7	0	0	0	39	0
	Hispanic	4	0	3	0	3	0	1	0	0	0	11	0
	Other	1	0	2	0	0	0	0	0	0	0	3	0
	Unspecified	0	0	0	0	0	0	0	0	0	0	0	0
Total - Females		38	0	41	0	15	0	14	0	0	0	108	0
Total		51	0	68	0	32	0	37	1	1	0	189	1